

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
WO 2005/012140 A1

(51) International Patent Classification<sup>7</sup>: B65D 83/62,  
83/66, 83/14, 81/32, 77/06

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(21) International Application Number:  
PCT/AU2004/001001

(22) International Filing Date: 27 July 2004 (27.07.2004)

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:  
2003903877 28 July 2003 (28.07.2003) AU  
2004902635 19 May 2004 (19.05.2004) AU  
2004903640 5 July 2004 (05.07.2004) AU

(71) Applicant and  
(72) Inventor: LARKIN, Bryan, James [AU/AU]; 49 Hume Parade, Paradise Point, Queensland 4216 (AU).

Published:

- with international search report
- with amended claims

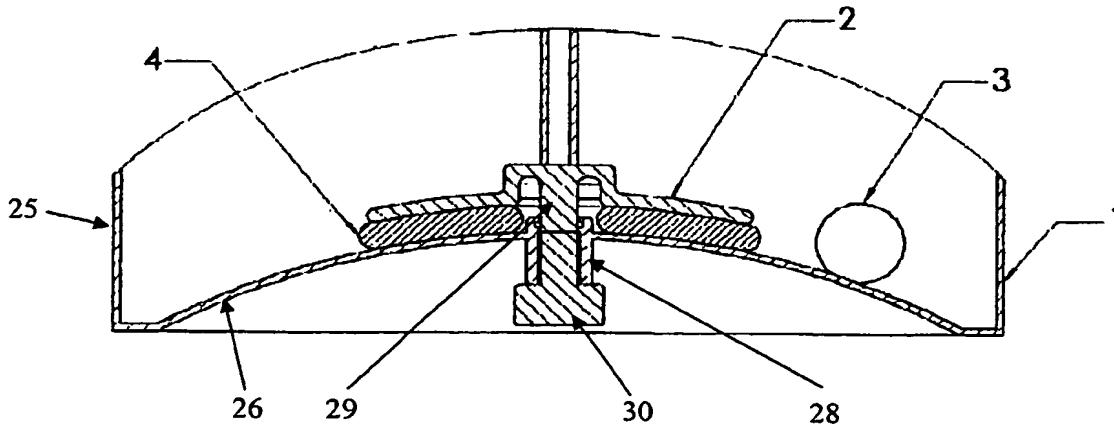
(74) Agent: CULLEN & CO.; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

Date of publication of the amended claims: 24 March 2005

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A SPRAY APPLICATOR



(57) Abstract: A spray applicator for containing, mixing and releasing constituents of a reactive mixture, the applicator having a first containing portion for containing a first constituent of the mixture; and at least one second containing portion for releasably containing a further constituent of the mixture, wherein each at least one second containing portion is movable between a first, unmixed condition in which the second constituent is retained separately from the first constituent and a second mixing condition in which the second containing portion releases the second constituent to mix with the first constituent.

WO 2005/012140 A1